

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

COUNTRY	East Germany	REPORT NO.	[REDACTED] 25X1A
SUBJECT	Development of Underwater Sound Locator	DATE DISTR.	27 April 1953
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. Source learned [REDACTED]

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the Dohmsch-Bieneck Group was working on a project for underwater sound locating installations. [REDACTED] who, a short time ago, had spoken with a member of this group reported, in a conversation with source, on the process for analyzing the spectrum of underwater sounds with filters. The rate of intensity of the sound in the various filter ranges allegedly reveals unmistakably which type of ship emits the sound if the sound characteristic's possible sources are known. The German Navy allegedly had archives of sound characteristics which were said to be currently in American custody. The Russians considered them to be of great value and succeeded in secretly obtaining and reproducing recording tapes so that records of underwater sound characteristics of convoys, submarines, etc. are now also in Soviet hands. In addition, the engineer indicated that there was a concrete basin for underwater tests in the vicinity of Berlin where experiments with under water sound locator installations were being made.

[REDACTED] the filters required for the sound spectrometers manufactured in the Koepenick plant were supplied by the NEF Department. At that time, source learned from a telephone call made by mistake to the Funkwerk that an unidentified place in East Germany research on underwater sound locating and direction finding installations was being conducted.

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1. [REDACTED] Comment: NEF means Nachrichtentechnische Entwicklung und Fabrikation (Signal Technical Development and Production). According to a roster of the accounting department, dated 1 April 1952, Biniek (fnu) is the chief technical designer of the production plant and Domsch (fnu) the expert for electroacoustics in the Gruppe Entwicklung-Messwesen (Group Development - Measuring Problems).

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